

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014947.D
 Acq On : 03 May 2018 17:35
 Operator : SJ/JU
 Sample : J2554-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	4	8	15	rVV	2396815	3117780	35.81%	2.927%
2	3.393	15	18	24	rVB	77519	106913	1.23%	0.100%
3	3.640	55	60	70	rVB	127277	181660	2.09%	0.171%
4	4.228	155	160	169	rBV	139036	191352	2.20%	0.180%
5	5.481	365	373	384	rVB	136647	218895	2.51%	0.205%
6	7.616	729	736	749	rBV	1965298	3419349	39.27%	3.210%
7	7.798	760	767	778	rVB	1609852	2582615	29.66%	2.424%
8	8.010	795	803	811	rBV	2102755	3387889	38.91%	3.180%
9	8.492	878	885	898	rVB	1347016	2194389	25.20%	2.060%
10	8.622	898	907	913	rBV	64313	101833	1.17%	0.096%
11	9.192	996	1004	1014	rBV	1680077	2886669	33.15%	2.710%
12	9.675	1078	1086	1094	rBV	1930897	3213890	36.91%	3.017%
13	10.404	1202	1210	1221	rBV	1522646	2573489	29.56%	2.416%
14	10.939	1294	1301	1315	rBV	2275558	3779325	43.41%	3.548%
15	11.333	1360	1368	1382	rBV	1726489	2949925	33.88%	2.769%
16	11.463	1382	1390	1406	rBV	1847004	3393402	38.97%	3.185%
17	14.486	1895	1904	1909	rBV	3686457	5305614	60.93%	4.980%
18	14.533	1909	1912	1918	rVB	820506	1060226	12.18%	0.995%
19	14.798	1950	1957	1968	rBV	4523791	6428162	73.83%	6.034%
20	14.951	1975	1983	1992	rVB	157636	213024	2.45%	0.200%
21	15.098	2000	2008	2024	rVB2	2188092	3446767	39.59%	3.236%
22	15.257	2028	2035	2044	rBV	1715209	2468001	28.34%	2.317%
23	15.886	2138	2142	2148	rVB	192972	246066	2.83%	0.231%
24	16.074	2167	2174	2185	rBV	5266081	7596679	87.25%	7.131%
25	16.174	2185	2191	2203	rVV	1500595	2191740	25.17%	2.057%
26	16.309	2204	2214	2219	rVB5	65785	196666	2.26%	0.185%
27	16.739	2282	2287	2297	rBV	150610	258940	2.97%	0.243%
28	17.333	2384	2388	2395	rVB	93200	128028	1.47%	0.120%
29	17.521	2415	2420	2424	rBV	104576	123361	1.42%	0.116%
30	17.809	2463	2469	2474	rBV	2415071	3443440	39.55%	3.232%
31	17.851	2474	2476	2480	rVV	95475	114252	1.31%	0.107%
32	17.909	2480	2486	2496	rVB	5445613	7674822	88.15%	7.204%
33	18.639	2605	2610	2620	rBV	1133268	1631337	18.74%	1.531%
34	19.550	2760	2765	2771	rBV3	41193	97220	1.12%	0.091%

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Title : SVOA CALIBRATION

35	19.786	2799	2805	2807	rBV2	71711	121674	1.40%	0.114%
36	19.815	2807	2810	2816	rVB	184888	252247	2.90%	0.237%
37	19.880	2816	2821	2833	rBV	438422	695506	7.99%	0.653%
38	20.145	2860	2866	2878	rBV	6118892	8707019	100.00%	8.173%
39	21.556	3102	3106	3114	rBV	1445696	1986909	22.82%	1.865%
40	21.897	3159	3164	3169	rBV	2604591	3460065	39.74%	3.248%
41	23.538	3440	3443	3448	rVB	310414	437015	5.02%	0.410%
42	23.597	3449	3453	3463	rVV3	469789	972699	11.17%	0.913%
43	24.215	3551	3558	3573	rVB	4187478	8659484	99.45%	8.129%
44	24.374	3579	3585	3596	rVB	1709265	3447776	39.60%	3.236%
45	24.909	3671	3676	3684	rVB	426530	864846	9.93%	0.812%

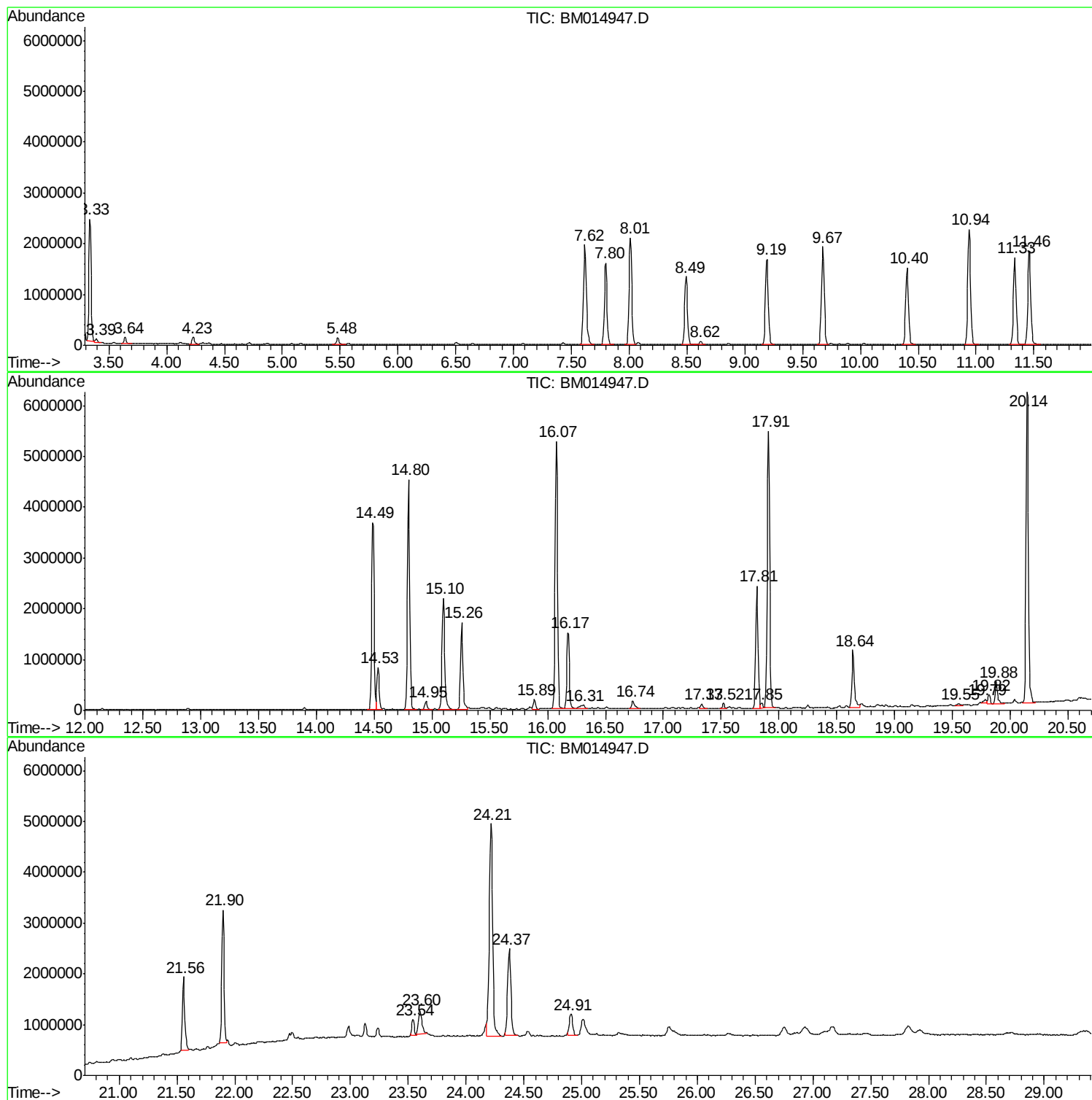
Sum of corrected areas: 106528960

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

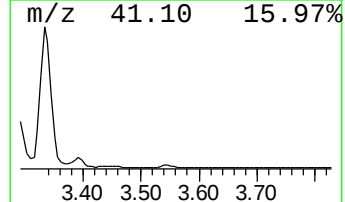
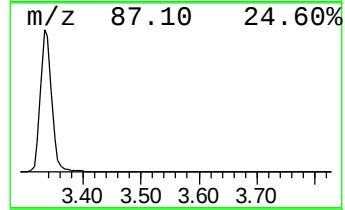
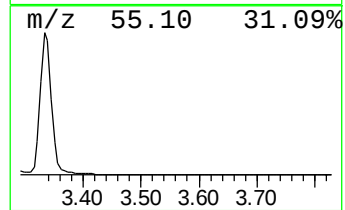
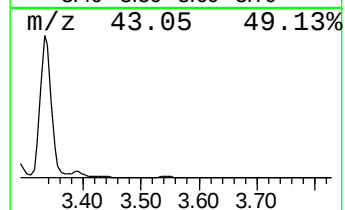
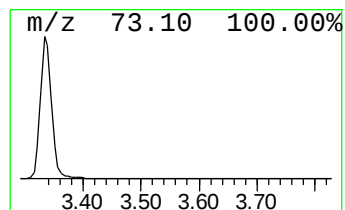
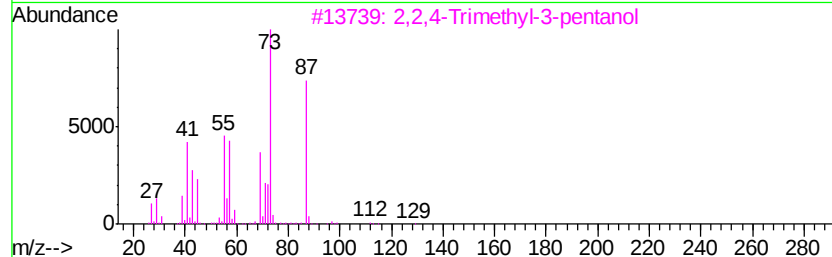
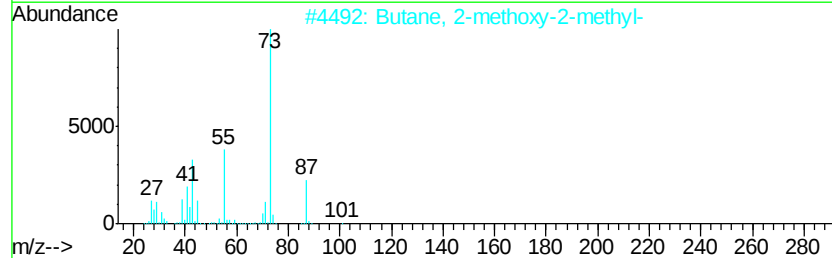
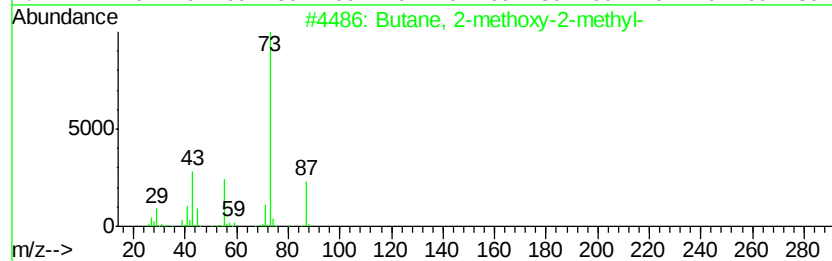
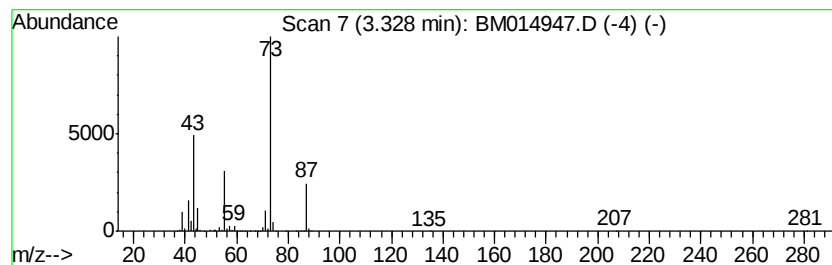
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	28.42 ng/ul	3117780	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

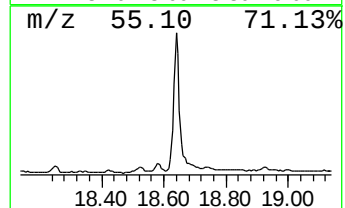
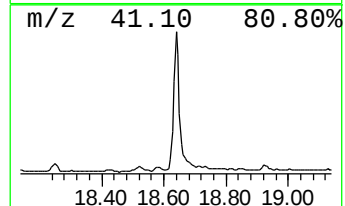
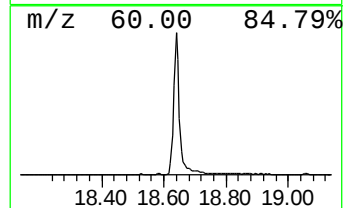
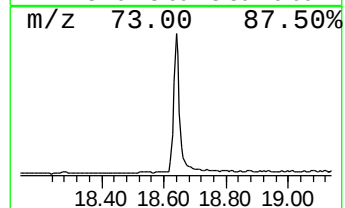
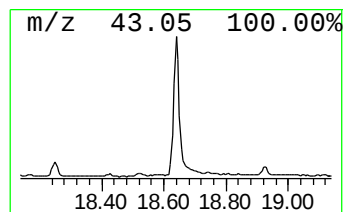
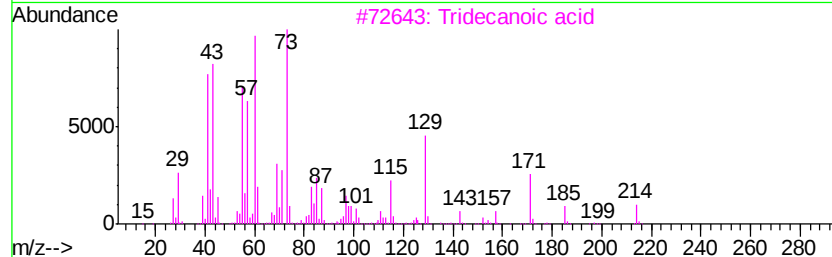
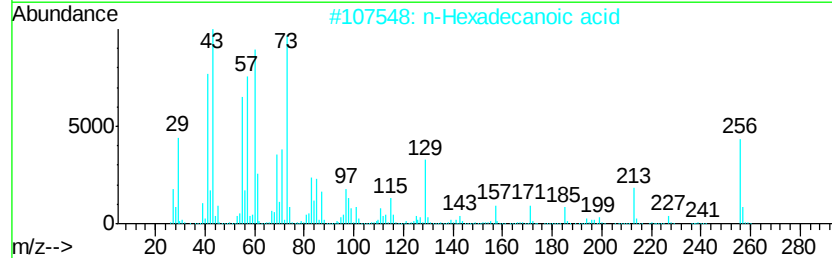
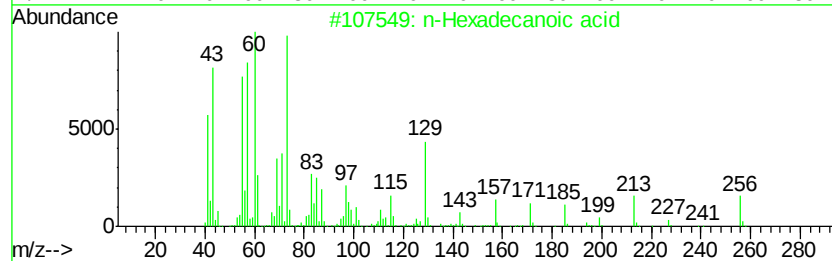
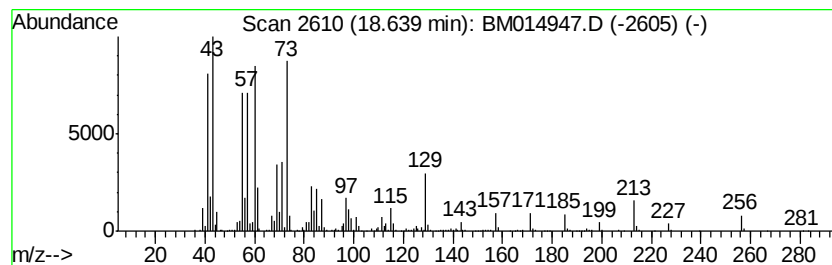
Instrument :
BNA_M
ClientSampleId :
C0AG7

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.64	9.48 ng/ul	1631340	Phenanthrene-d10	17.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

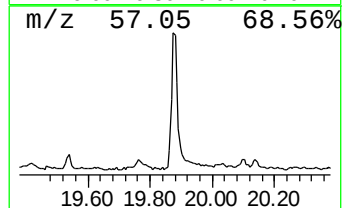
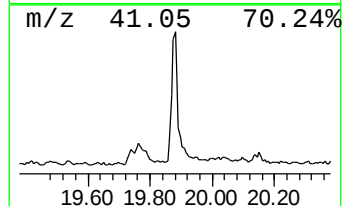
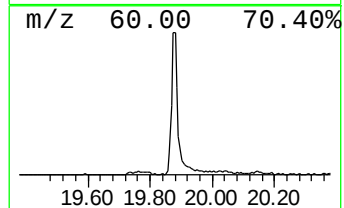
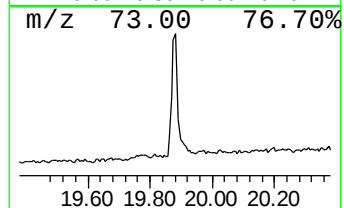
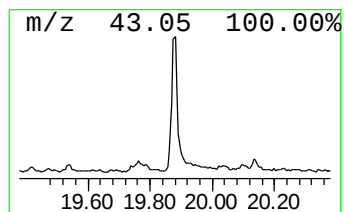
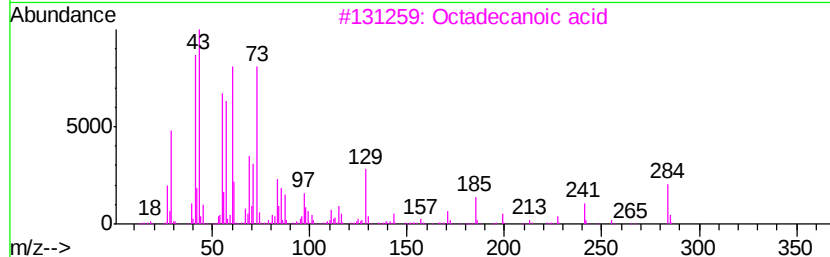
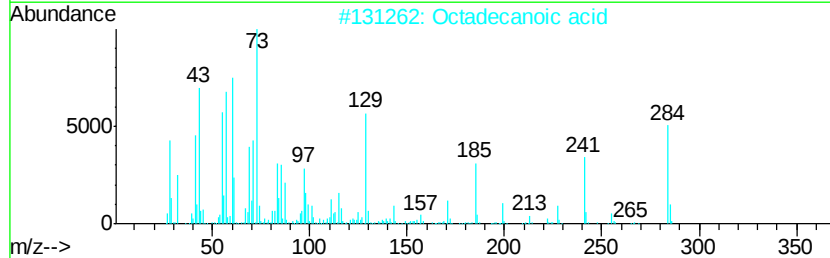
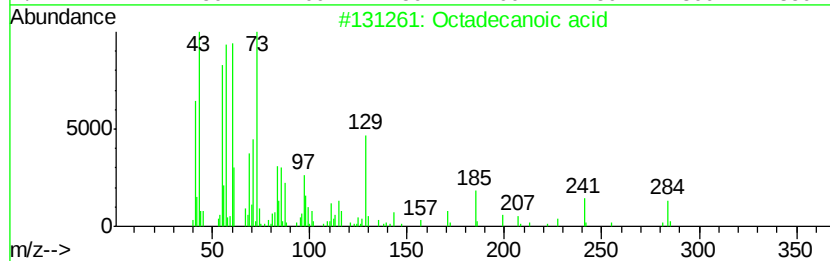
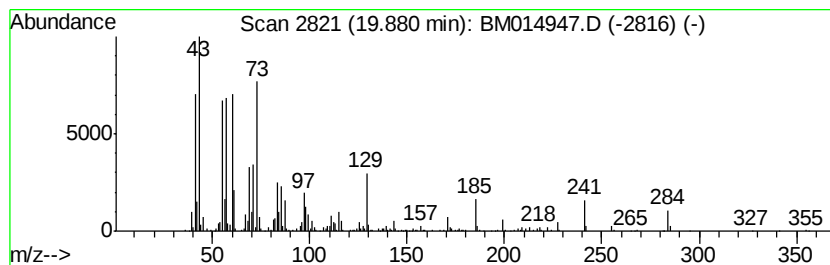
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	4.02 ng/ul	695506	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	99
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

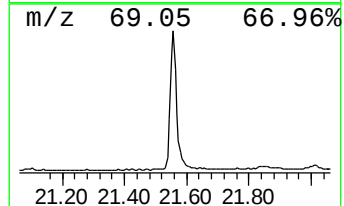
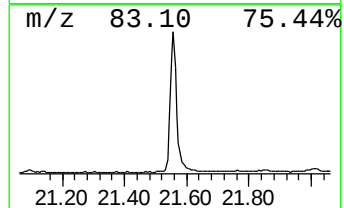
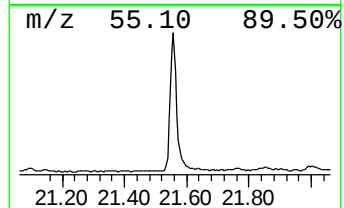
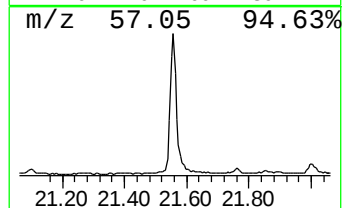
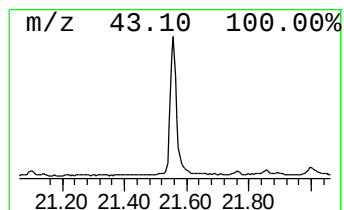
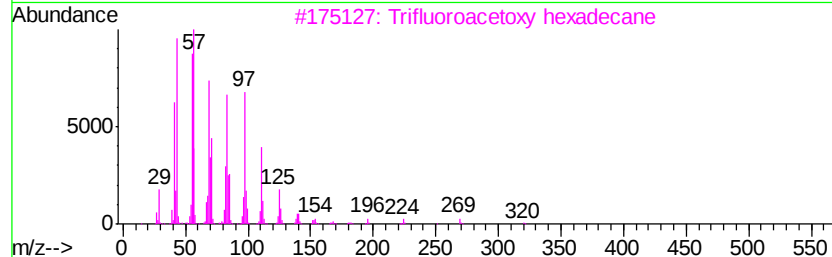
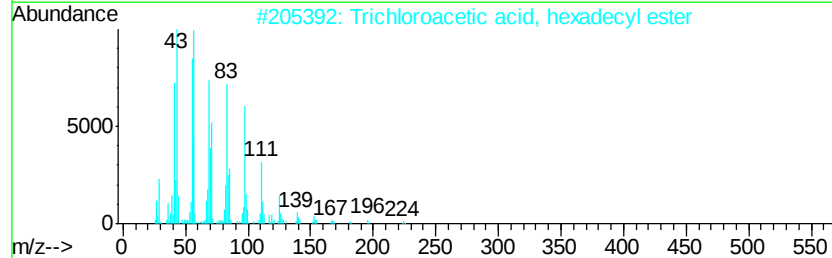
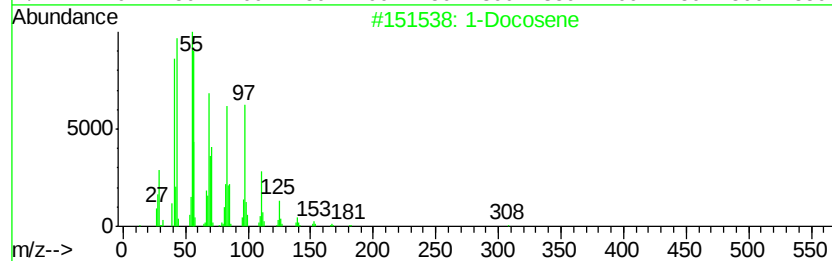
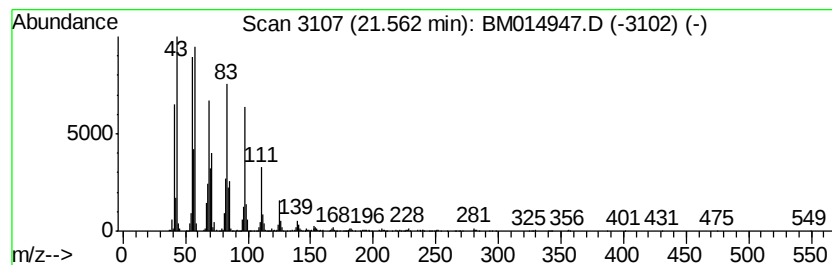
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	11.48 ng/ul	1986910	Chrysene-d12	21.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
3	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
4	Pentafluoropropionic acid, penta...		374	C18H31F5O2	959092-08-1	94
5	Cyclotetracosane		336	C24H48	000297-03-0	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

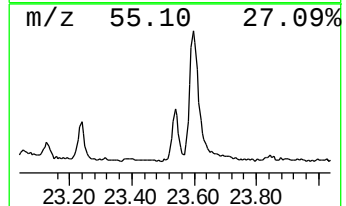
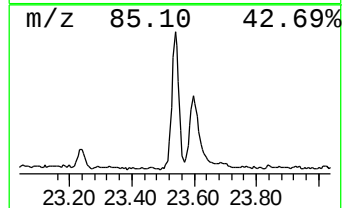
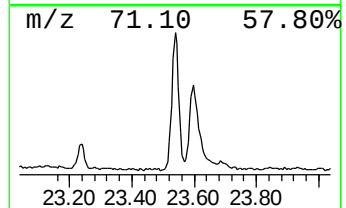
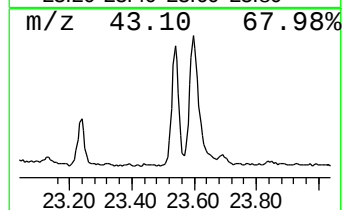
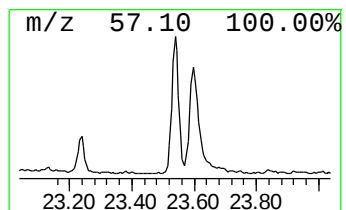
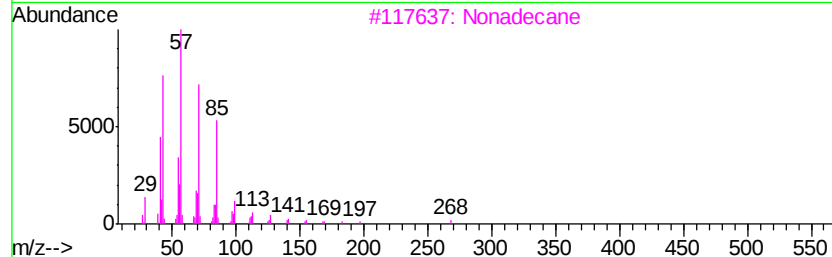
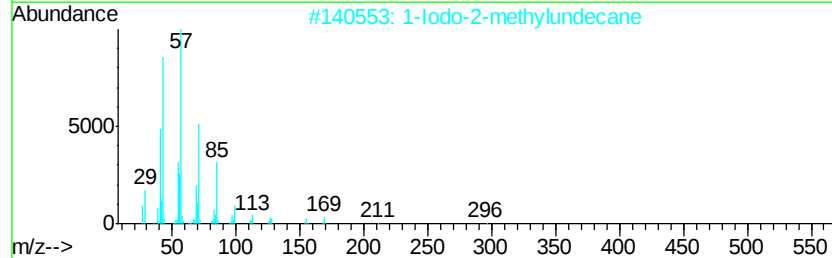
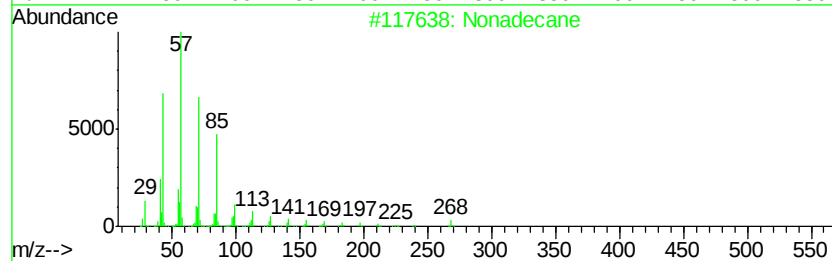
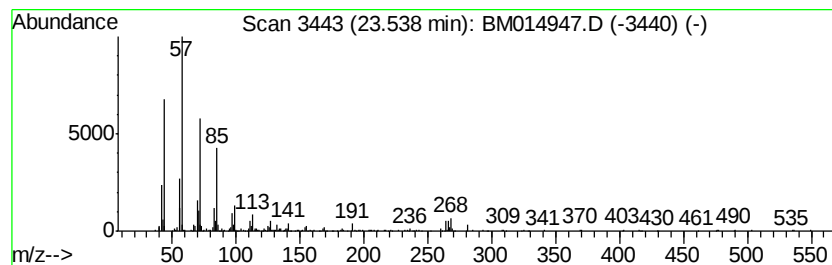
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	2.54 ng/ul	437015	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	89
3		Nonadecane	268	C19H40	000629-92-5	81
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
5		Hexacosane	366	C26H54	000630-01-3	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

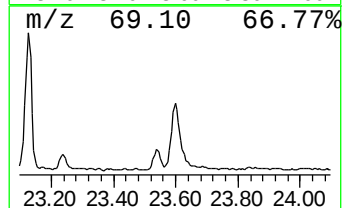
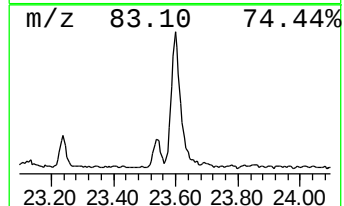
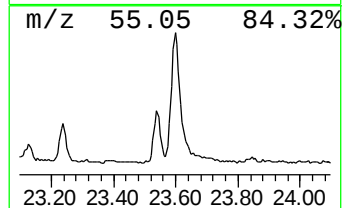
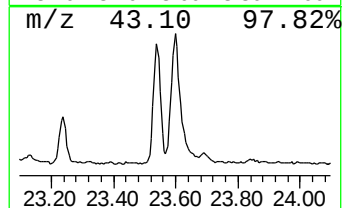
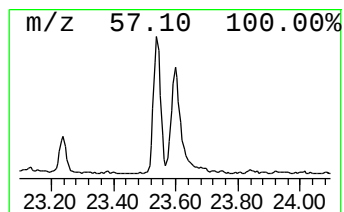
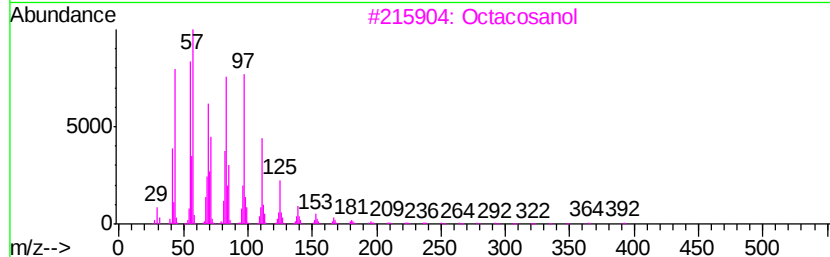
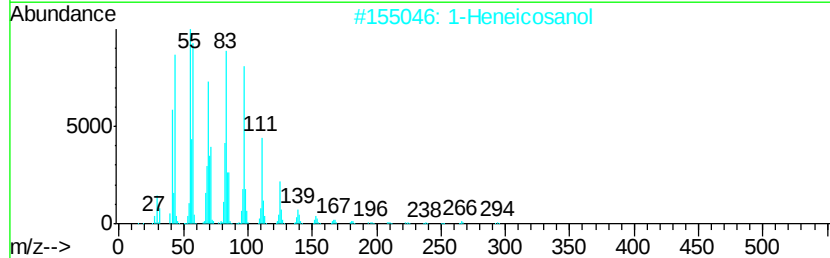
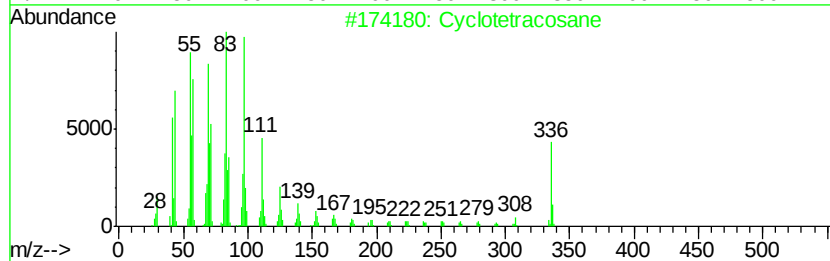
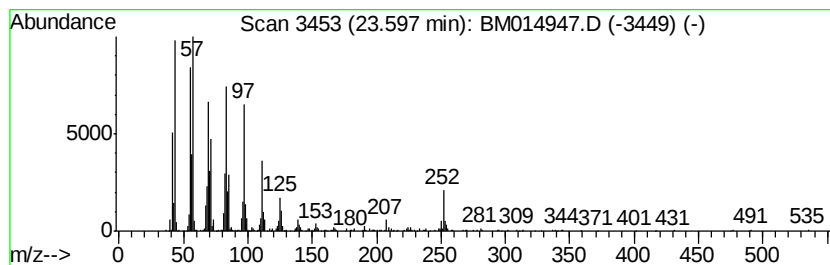
Instrument :
BNA_M
ClientSampleId :
C0AG7

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic23.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.60	5.64 ng/ul	972699	Perylene-d12	24.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

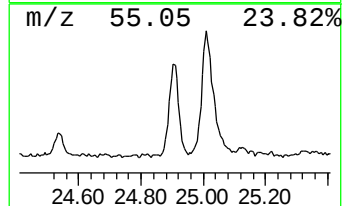
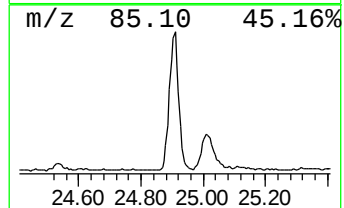
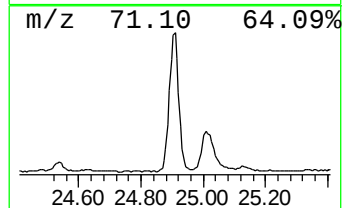
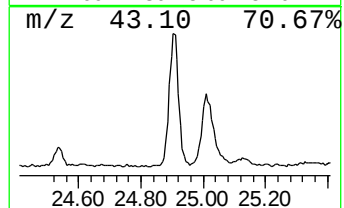
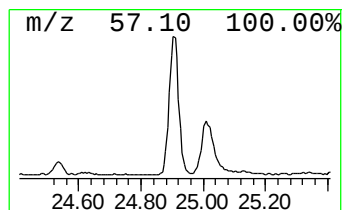
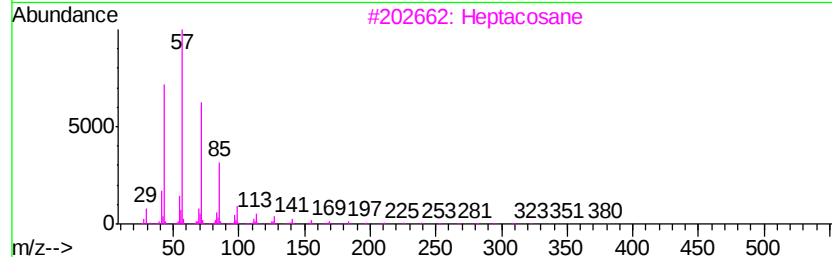
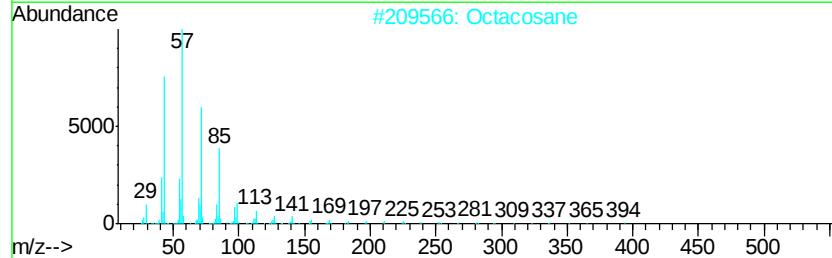
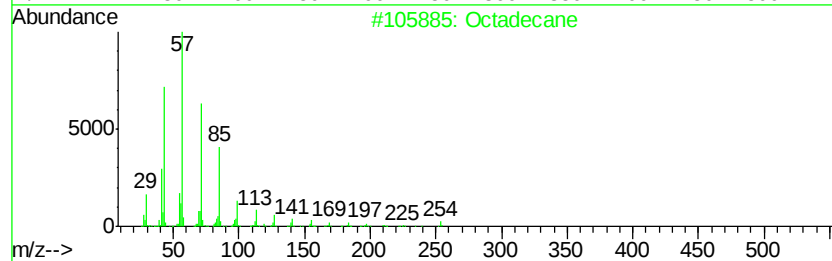
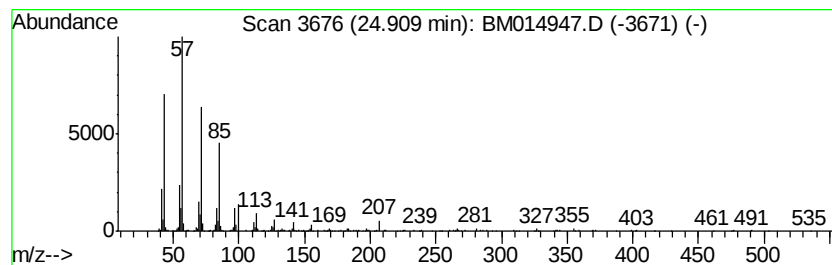
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	5.02 ng/ul	864846	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Eicosane, 3-methyl-	296	C21H44	006418-46-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050318\
Data File : BM014947.D
Acq On : 03 May 2018 17:35
Operator : SJ/JU
Sample : J2554-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	28.4	ng/ul	3117780	1	8.49	2194390	20.0
n-Hexadecanoic acid	18.64	9.5	ng/ul	1631340	4	17.81	3443440	20.0
Octadecanoic acid	19.88	4.0	ng/ul	695506	5	21.90	3460070	20.0
(DEL) Alkane: Cyc...	21.56	11.5	ng/ul	1986910	5	21.90	3460070	20.0
(DEL) Alkane: Str...	23.54	2.5	ng/ul	437015	6	24.37	3447780	20.0
(DEL) Alkane: Cyc...	23.60	5.6	ng/ul	972699	6	24.37	3447780	20.0
(DEL) Alkane: Str...	24.91	5.0	ng/ul	864846	6	24.37	3447780	20.0